

9

to automatically return said pump to said loading position when a stall condition is detected.

16. The system according to claim **15**, wherein said electronic keying mechanism comprises

a cover sensor associated with a front cover of said housing to determine when said front cover is open; and

a detectable key provided on said refill container to determine whether said refill container is received in said housing, wherein if said front cover is open and said refill container is not detected, said electronic keying mechanism moves said pump to said loading position.

17. The system according to claim **15**, wherein said electronic keying mechanism comprises

a controller connected to said pump, and maintaining a timer;

a hand sensor connected to said controller; and

a motor with a reversible shaft, said motor connected to said controller and engageable with said pump, wherein if said hand sensor detects a hand, said controller starts said timer and said pump through said motor, and said controller rotates said reversible shaft in an opposite direction to return said pump to said loading position if said timer expires and said motor is still rotating.

10

18. The system according to claim **15**, wherein said electronic keying mechanism comprises;

a controller connected to said pump, and maintaining a timer;

a cover sensor associated with a front cover of said housing to determine when said front cover is open;

a motor connected to said controller and engageable with said pump;

an actuator sensor connected to said controller and monitoring said pump; and

a detectable key provided on said refill container, wherein said timer starts and said controller incrementally energizes said motor to move said pump to said loading position as determined by said actuator sensor when said front cover is opened and wherein if said pump is not returned to said loading position before said timer expires, a user removes said refill container as determined by the presence of said detectable key and said controller energizes said motor to move said pump to said loading position.

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